

AMENDMENTS TO THE CLAIMS:

Replace the claims with the following rewritten listing:

1. (Currently Amended) Drive device for intermittent driving of a conveyor-(1) that partly surrounds a drum (3)-rotatable around a centre axis-(0), which drive device comprises drive member (5, 6)-and motion transmission member-(4, 7, 8, 9)-characterized in
———thatwherein the drive member (5, 6)-is arranged to execute a reciprocating motion;
———thatwherein the motion transmission member-(4, 7, 8, 9), in the motion of the drive member-(5, 6) in a first direction, is arranged to impart the drum-(3) a rotary motion in a first rotary direction and impart the conveyor-(1) a motion; and
———thatwherein the motion transmission member-(4, 7, 8, 9), in the motion of the drive member-(5, 6) in a second direction, is arranged to impart the drum-(3) a rotary motion in a second rotary direction in such a way that the conveyor-(1) is at rest.
2. (Currently Amended) Drive device according to claim 1, ~~characterized in that~~wherein the rotary motion of the drum-(3) is substantially equally large in both rotary directions.
3. (Currently Amended) Drive device according to claim 1 ~~or 2~~, ~~characterized in that~~wherein the drive member (5, 6)-comprises an air-operated bellows (5)-and a mechanical spring-(6).
4. (Currently Amended) Drive device according to ~~any one of~~ claims 1-3, ~~characterized in that~~wherein the motion transmission member (4, 7, 8, 9)-comprises
———an arm-(7) connected with the drive member(5, 6),
———a pressure element-(4) connected with the arm-(7),
———a neck (8)-arranged on at least one of the end surfaces of the drum-(3), in which neck the arm-(7) is rotatably mounted, and
———a carrier member (9)-arranged on said end surface,
———wherein, in the motion of the drive member-(5, 6) in said first direction, the arm (7) being arranged to initially displace the pressure element (8)-to abutment against the conveyor-(1)

and then by means of the abutting pressure element ~~(4)~~ impart the conveyor ~~(1)~~ said motion and simultaneously via the neck ~~(8)~~ and the pressure element ~~(4)~~ impart the drum ~~(3)~~ a rotary motion in said first rotary direction,

— and wherein in the motion of the drive member ~~(5, 6)~~ in said second direction, the arm ~~(3)~~ being arranged to initially displace the pressure element ~~(8)~~ from abutment against ~~(1)~~ the conveyor as well as being brought to abutment against the carrier member ~~(9)~~ and then via the carrier member ~~(9)~~ and the neck ~~(8)~~ impart the drum ~~(3)~~ a rotary motion in said second rotary direction

5. (Currently Amended) Drive device according to claim 4, ~~characterized in that~~ wherein the carrier member ~~(9)~~ and the connection of the drive member ~~(5, 6)~~ with the arm are located on one side of a plane through the centre axis ~~(0)~~ of the drum, and ~~that~~ the neck ~~(8)~~ and the pressure element ~~(4)~~ are located on the opposite side of said plane.

6. (Currently Amended) Drive device according to claim 4 ~~or 5~~, ~~characterized in that~~ wherein the pressure element ~~(4)~~ is rod-shaped and parallel to the drum ~~(3)~~ and extends along ~~the~~ a major part of the length of the drum ~~(3)~~.

7. (Currently Amended) Drive device according to ~~any one of~~ claims 1–6, ~~characterized in that~~ wherein the drive member ~~(5, 6)~~ is controlled to alternate between inactive, relatively long periods, when it is idle, and active, relatively short periods when it executes some strokes.

8. (Currently Amended) Drive device according to ~~any one of~~ claim 4 ~~or 5~~, ~~characterized in that~~ wherein the conveyor ~~(1)~~ is a movable floor of an animal-farming unit.

9. (Currently Amended) Method for intermittent driving of a conveyor ~~(1)~~ that partly surrounds a drum ~~(3)~~ rotatable around a centre axis ~~(0)~~, ~~characterized in that~~ comprising the drive ~~take~~ taking place while alternating between a first and a second stage, during the first stage the drum ~~(3)~~ being imparted a motion in a first rotary direction while the conveyor being imparted a motion, and during the second stage the drum ~~(3)~~ being imparted a motion in a second rotary direction while the conveyor ~~(1)~~ being kept at rest.

10. (Currently Amended) Method according to claim 9, ~~characterized in that~~wherein the method is exercised by means of a drive device according to ~~any one of claims 1-8~~.